

## WHAT IS CLAIMED IS:

1 1. A satellite value added communication system, comprising:  
2 a communication satellite;  
3 a satellite earth station which communicates with the  
4 communication satellite;  
5 a satellite communication terminal which  
6 transmits/receives information to/from the communication  
7 satellite; and  
8 an information distribution center which connects to the  
9 satellite earth station and controls transmission/receiving of  
10 the information to/from the satellite communication terminal,  
11 wherein the information distribution center holds a list  
12 of the information to be transmitted to the satellite  
13 communication terminal and a transmission schedule of the  
14 information, and transmits the information to the satellite  
15 communication terminal in accordance with the transmission  
16 schedule.

1 2. The satellite value added communication system according to  
2 claim 1,  
3 wherein the information distribution center updates the  
4 list of the information and the transmission schedule of the  
5 information.

1 3. The satellite value added communication system according to  
2 claim 1,  
3 wherein the information distribution center notifies at  
4 least one of the list of the information and the transmission

5 schedule of the information to the satellite communication  
6 terminal.

1 4. The satellite value added communication system according to  
2 claim 1,

3 wherein the information to be transmitted to the satellite  
4 communication terminal is information which the information  
5 distribution center has received through a ground network.

1 5. The satellite value added communication system according to  
2 claim 4,

3 wherein the information distribution center saves the  
4 information.

1 6. The satellite value added communication system according to  
2 claim 1,

3 wherein the information distribution center controls  
4 communications among a plurality of predetermined terminals  
5 which connect thereto.

1 7. The satellite value added communication system according to  
2 claim 6,

3 wherein the information distribution center specifies the  
4 plurality of predetermined terminals based on requests therefrom,  
5 and sends advance notices to the plurality of terminals prior  
6 to information transmission.

1 8. The satellite value added communication system according to

2 claim 6,

3        wherein the terminals include a terminal which connects  
4 to a ground network, and the satellite communication terminal.

1 9. The satellite value added communication system according to  
2 claim 1,

3        wherein the information distribution center connects to  
4 a ground network based on a request from the satellite  
5 communication terminal, and transmits, to the satellite  
6 communication terminal, information to be provided by an  
7 information provider.

1 10. The satellite value added communication system according  
2 to claim 1,

3        wherein the information distribution center connects to  
4 a ground network, and controls the transmission/receiving of  
5 the information to/from a communication terminal which connects  
6 to the ground network.

1 11. The satellite value added communication system according  
2 to claim 1,

3        wherein the satellite communication terminal includes a  
4 device which controls the transmission/receiving of the  
5 information to/from the information distribution center.

1 12. The satellite value added communication system according  
2 to claim 1, further comprising a communication terminal which  
3 receives the information from the communication satellite and

4 transmits a signal to the information distribution center through  
5 a ground network.

6

7 13. The satellite value added communication system according  
8 to claim 10,

9 wherein the ground network includes at least one of the  
10 Internet, a mobile network and a public switched telephone  
11 network.

1 14. The satellite value added communication system according  
2 to claim 1,

3 wherein the information distribution center connects to  
4 another satellite communication system, and controls the  
5 transmission/receiving of the information to/from a satellite  
6 communication terminal of the another satellite communication  
7 system.

1 15. A satellite value added communication control apparatus that  
2 controls distribution of information to a satellite  
3 communication terminal, the apparatus comprising:

4 a server which holds information received through a ground  
5 network;

6 a list of information to be transmitted to the satellite  
7 communication terminal and a transmission schedule of the  
8 information;

9 a control unit that updates at least one of the list and  
10 the transmission schedule;

11 a transmission control circuit that controls the

12 transmission of the information in the server in accordance with  
13 the transmission schedule; and  
14 a real time communication control unit that controls a  
15 real time communication.

1 16. The satellite value added communication control apparatus  
2 according to claim 15,  
3 wherein the control apparatus connects to the ground  
4 network, and controls transmission/receiving of the information  
5 between a communication terminal that connects to the ground  
6 terminal and a satellite communication terminal.

1 17. The satellite value added communication control apparatus  
2 according to claim 15, further comprising means for monitoring  
3 usage of a line to a satellite earth station and controlling  
4 usage of the line.

1 18. The satellite value added communication control apparatus  
2 according to claim 15, further comprising means for monitoring  
3 an amount of information received from the ground network and  
4 controlling transmission of the information to a terminal.

1 19. The satellite value added communication control apparatus  
2 according to claim 18,  
3 wherein the means delays the transmission of the  
4 information to the terminal for a predetermined period of time  
5 when the amount of information received from the ground network  
6 is a predetermined amount or more.

1 20. The satellite value added communication control apparatus  
2 according to claim 15,

3 wherein the control apparatus is included in a satellite  
4 communication system, connects to another satellite  
5 communication system, and controls transmission/receiving of  
6 the information to/from the another satellite communication  
7 system.

1 21. The satellite value added communication control apparatus  
2 according to claim 15, further comprising means for connecting  
3 to the Internet based on a request from a terminal and transmitting,  
4 to the terminal, information to be provided by an information  
5 provider.

1 22. The satellite value added communication control apparatus  
2 according to claim 15,

3 wherein the control unit transmits the transmission  
4 schedule of the information to a terminal.

1 23. The satellite value added communication control apparatus  
2 according to claim 15, further comprising a conference control  
3 unit that controls a conference among a plurality of satellite  
4 communication terminals.

1 24. The satellite value added communication control apparatus  
2 according to claim 23,

3 wherein the conference control unit controls a conference

4 among a plurality of communication terminals that connect to  
5 the ground network and the satellite communication terminals.